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ABSTRACT

This survey of the educational offerings in the Forensic Sciences was initiated to identify institutions and agencies offering educational courses and/or programs in the forensic sciences and to evaluate the availability of these programs. The information gathered by surveying members of the American Academy of Forensic Sciences reveals that comprehensive, degree-oriented educational programs in the various disciplines of the forensic sciences are extremely rare; many of the courses offered are on an introductory or survey level; advanced degree programs in Forensic/Analytical Toxicology are few; and educational offerings in Physical Anthropology are sparse with education in Forensic Anthropology virtually nonexistent. The authors recommend that a study be made of the need for degree programs in the forensic sciences; forensic science recruitment and counseling should be initiated at the college level; and information regarding educational opportunities in the forensic sciences should be made available to law enforcement agencies, criminalistics laboratories, medical examiner/coroner offices, district attorney offices, bar associations, court systems, and professional societies concerned with the various disciplines of the forensic sciences. (JMF)

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ASSESSMENT OF THE FORENSIC SCIENCES PROFESSION

A Survey of Educational Offerings in the Forensic Sciences

Volume I

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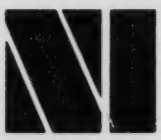

ASSESSMENT OF THE
FORENSIC SCIENCES PROFESSION

A Survey of Educational Offerings in the Forensic Sciences

Volume I

By
KENNETH S. FIELD
BETH ANN LIPSKIN
MARK A. REICH

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March 1977

National Institute of Law Enforcement and Criminal Justice
Law Enforcement Assistance Administration
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PREFACE

This "Survey of Educational Offerings in the Forensic Sciences" was undertaken to assess the availability of education in the forensic sciences. As one of three reports comprising an "Assessment of the Forensic Sciences in American Criminal Justice" specific courses in forensic science were compiled, resulting in the "Forensic Science Educational Roster," the Forensic Toxicology Educational Roster" and the "Forensic/Physical Anthropology Educational Roster"--all of which are included in this report. The latter two rosters are more specific than is the basic forensic science roster in terms of courses offered in a specific area. Quite frankly these two rosters represent an experiment. The utility of the degree of specificity included in the toxicology and anthropology rosters is unknown.

The Survey did not attempt to directly poll community colleges, law enforcement academies, formal evidence technician programs, medical, dental or law schools. However, several programs or courses offered by the above are cited. A comprehensive roster of evidence technician programs is found in the Directory of Law Enforcement and Criminal Justice Education (I.A.C.P., Gaithersburg, Md.).

A roster of this type is only as complete and as accurate as its primary source material. If errors or omissions are noted, please complete and mail the form included as the last page of this report.

ACKNOWLEDGMENTS

To Ina J. Curtis, who, with yeoman support from Ira Fleming, initiated the project by producing a college catalogue file--the backbone of the rosters.

Appreciation is expressed to the members of the Joint Advisory Committee, who, under the chairmanship of Dr. Oliver Schroeder, Jr., rendered invaluable support in the development of these listings. In particular, appreciation is expressed to Dr. Ellis R. Kerley for his guidance in the development of the "Forensic/Physical Anthropology Educational Roster" and to Dr. Irving Sunshine for his guidance in development of the "Forensic Toxicology Educational Roster." Similarly, the cooperation of hundreds of forensic scientists in the acquisition of the names of specific course offerings is acknowledged.

Finally, thanks are extended to the staff who filed and refiled the data, compiled and recompiled the lists, and typed and retyped the report: Ellen S. Fabricant, Deborah A. Heath, Mary G. Wilson.

SUMMARY

I PURPOSES:

A. To identify institutions and agencies offering educational courses and/or programs in the forensic sciences.

B. To evaluate the availability of the above.

II FINDINGS

A. Comprehensive, degree oriented educational programs in the various disciplines of the forensic sciences are extremely rare.

B. Many of the courses offered are on an introductory or survey level, designed to give law enforcement students and officials an overview of the forensic sciences rather than to prepare individuals for entry into the field.

C. Advanced degree programs in Forensic/Analytical Toxicology are few.

D. Educational offerings in Physical Anthropology are sparse with education in Forensic Anthropology virtually non-existent.

III RECOMMENDATIONS

A. A study should be made of the need for degreed programs in the forensic sciences.

B. Forensic science recruitment and counseling should be initiated at the college level.

C. Information regarding educational opportunities in the forensic sciences (Forensic Science Educational Roster) should be made available to law enforcement agencies, criminalistics laboratories, medical examiner/coroner offices, district attorney offices, bar associations, court systems, and professional societies concerned with the various disciplines of the forensic sciences.

CHAPTER I

GENERAL

Methodology

The project was initiated with a letter appeal for catalogues--addressed to all educational institutions participating in the Department of Justice, LEAA "Law Enforcement Education Program (LEEP)". In all, over 400 catalogues were received and assessed for their value in the development of forensic science educational rosters. The results were of limited value. The offerings were primarily directed at law enforcement personnel wherein any cited forensic science coverage was properly categorized as an orientation or survey course.

Accordingly, the 1300 members of the American Academy of Forensic Sciences were surveyed for any information they possessed relative to institutions offering instruction in the forensic sciences (See Appendix A).

312 responses were received of which 300 provided either directly applicable or pursuable information.

In addition to the mailing of questionnaires, the following publications were consulted: The College Handbook (Educational Testing Services, Princeton, N.J.); The Comparative Guide to American Colleges and Universities (Cain and Birnbaum, Harper & Row, New York, N.Y.); American Colleges and Universities, 11th Ed. (American Council on Education, Washington, D.C.); Directory of Law Enforcement and Criminal Justice Associations and Research Centers (U.S. Department of Commerce, National Bureau of Standards, 1973); 1972-1973 Directory of Law Enforcement and Criminal Justice Education (International Association of Chiefs of Police, Gaithersburg, Md.); and the Directory of Approved Internships and Residencies, 1974-75 (American Medical Association, Chicago, Ill.).

The Academy responses, together with the results produced through a survey of all catalogues available in the College Catalogue Collection of the Library of Congress, plus "leads" gathered from a myriad of sources were compiled according to subject, state, and institution--with appropriate cross references.

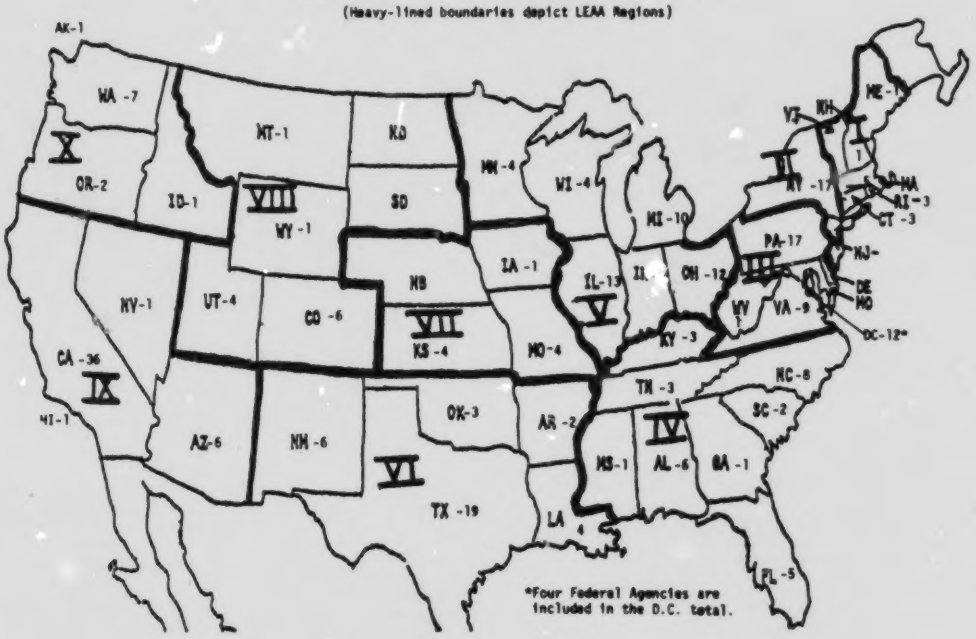
Letters requesting detailed information as to forensic science courses offered were then mailed to the institutions.

The rosters comprising this report are the product of the efforts noted above.

MAP 1

NUMBER OF FORENSIC SCIENCE EDUCATIONAL PROGRAMS BY STATE

(Heavy-lined boundaries depict LEAA Regions)



*Four Federal Agencies are included in the D.C. total.

LEAA REGION TOTALS

REGION I	13
REGION II	20
REGION III	45
REGION IV	29
REGION V	45
REGION VI	34
REGION VII	9
REGION VIII	12
REGION IX	44
REGION X	11

Table 1

Certificate or Degree Programs in Forensic Sciences, by Discipline

Discipline	Degree Programs					
	Assoc. Degree	Certificate	Bachelor's	Master's	Doctorate	Total Programs*
Criminalistics/ General Forensic Sciences**	1	-	17	13	2	22
Forensic Toxicology	-	-	-	16	14	21
Questioned Document Examination	-	1	-	-	-	1
Others	2	4	-	1	1	8
Total	3	5	17	30	17	52

* Several institutions offer more than one degree in a given field.
** Criminalistics and General Forensic Science courses are grouped together because a detailed examination of the course content for each course entitled "Forensic Science" revealed that the majority of the material was "criminalistic" in nature.

Table 2

Course Offerings by Discipline

Category	Number of Institutions Offering Courses
1. Criminalistics/General Forensic Science *	89
2. Physical Anthropology	61
3. Forensic Pathology	52
4. Forensic/Analytical Toxicology	26
5. Jurisprudence	13
6. Questioned Document Examination	9
7. Forensic Psychiatry	7
8. Forensic Odontology	2

Survey Results

The survey revealed a total of 231 separate institutions/agencies offering instruction in some aspect of the forensic sciences. Several institutions offer programs and/or courses in more than one of the forensic sciences disciplines.

A geographic breakdown of educational programs in the forensic sciences is provided on Map 1.

There is a strong correlation between those states with the highest number of educational offerings in the forensic sciences, particularly in criminalistics, and those states with state-wide criminalistic laboratory satellite systems.

Those states with highly developed criminalistics laboratory systems have provided for future manpower needs by working in conjunction with colleges and universities to offer educational programs to provide personnel to staff the crime labs.

The current emphasis in degreed forensic science programs is in the areas of criminalistics and in general forensic science. A breakout of the degreed programs by disciplines is found in Table 1.

As with degreed programs, the overwhelming concentration of courses was in criminalistics. A breakout of course offerings by disciplines is found in Table 2.

Not included in this survey were a significant number of Introductory General Forensic Sciences, Questioned Document, and Evidence Techniques courses found within Police Science/Law Enforcement/Criminal Justice curricula. The predominant number of these courses were designed to give law enforcement officials peripheral exposure to the forensic sciences.

Where reference is made, under course listings, to Forensic/Analytical Toxicology or to Forensic/Physical Anthropology, please consult the specific rosters for each (chapters 3 and 4, respectively).

FINDINGS

- Comprehensive, degree oriented educational programs in the forensic science disciplines are extremely limited.

- Forensic Sciences personnel are very much dependent on on-the-job training, as opposed to formal education, to attain proficiency in their specialty.

- Many of the courses offered in the forensic sciences are on an introductory level and not particularly useful for one attempting to gain entry into the field.

RECOMMENDATIONS

- A study should be made of the need for degreed programs in the forensic sciences.
- Forensic science recruitment and counseling should be initiated at the college level.
- Information regarding educational opportunities in the forensic sciences (Forensic Science Educational Roster) should be made available to law enforcement agencies, criminalistics laboratories, medical examiner/coroner offices, district attorney offices, bar associations, court systems and professional societies concerned with the various disciplines of the forensic sciences.

CHAPTER II

ROSTER I - FORENSIC SCIENCE EDUCATIONAL OPPORTUNITIES

In this chapter are listed the educational opportunities available in the following forensic science disciplines:

Criminalistics/General Forensic Science
Forensic Odontology
Forensic Pathology
Forensic Psychiatry
Forensic/Analytical Toxicology (also see Chapter III)
Forensic/Physical Anthropology (also see Chapter IV)
Jurisprudence
Questioned Document Examination

Beginning at Page 7 Roster I is the listing of all forensic science courses by states. Roster I shows the institution, address, the courses offered, and information pertaining to degrees.

At Page 36 is a cross reference file, showing offerings by discipline--which is designed to be used in conjunction with Roster I.

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
ALABAMA				
University of Alabama	Huntsville 35807	Introduction to Criminalistics	Law Enforcement Academy	
University of Alabama	University 35486	Physical Anthropology	Anthropology	
Auburn University School of Pharmacy	Auburn 36830	Analytical Toxicology		M.S.
John C. Calhoun Community College	Decatur 35601	Introduction to Criminalistics Introduction to Criminal Evidence	Law Enforcement	
Jacksonville State University	Jacksonville 36265	Forensic Sciences Document Examination	Law Enforcement	B.S. in Forensic Sciences
Walker College	Jasper 35501	Criminal Investigation		
ALASKA				
Anchorage Community College	Anchorage 99504	Criminal Investigation	Police Administration	
ARIZONA				
University of Arizona College of Medicine	Tucson 85721	Analytical Toxicology Physical Anthropology Medical Jurisprudence	Chemistry Anthropology	M.S.
Arizona State University	Tempe 85281	Physical Anthropology	Anthropology	
Northern Arizona University	Flagstaff 86001	Physical Anthropology	Anthropology	

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
ARIZONA (Cont.)				
Pima College	Tucson 85709	Criminalistics Crime Scene Technology	Criminal Justice	
ARKANSAS				
University of Arkansas	Fayetteville 72701	Physical Anthropology	Anthropology	
University of Arkansas Medical Center	Little Rock 72204	Forensic Toxicology	National Center For Toxicological Research	Ph.D. in Toxicology
CALIFORNIA				
American Society for Odontology	Concord 94520	Seminars in Odontology		(8)
University of California	Berkeley 94720	Principles of Criminal Investigation Science and the Law Introductory Criminalistics: Laboratory Principles of Optics and Microscopy Forensic Microanalysis Analytical Instrumentation and Trace Analysis Biochemical Individuality Comparative Microscopy Forensic Toxicology Advanced Instrumentation in the Forensic Sciences Selected Problems in Scientific Evidence Advanced Forensic Chemistry Advanced Forensic Biology Advanced Comparative Evidence and Evaluation	Criminology	B. Crim., M. Crim. D. Crim.

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MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
CALIFORNIA				
University of California (cont.)		Seminar in Scientific Evidence Seminar on Science and the Law		
University of California School of Law School of Medicine	Davis 95616	Basic Medicine for Trial Lawyers Forensic Pathology	Pathology	
University of California	Irvine 92664	Forensic Chemistry	Chemistry	
University of California	Los Angeles 90024	Advanced Criminalistics I, II, & III Identification of Modern Drugs Legal Medicine Seminar in Criminalistics Questioned Document Examination	Police Science	M.S. in Forensic Science (6)
University of California School of Medicine	La Jolla 92037	Orientation to Forensic Medicine	Community Medicine	
University of California School of Medicine	San Francisco 94122	Analytical Toxicology Forensic Pathology in Medicine Forensic Pathology Residency	Pharmacology Pathology	M.S.
Extension Division	94122	Fundamentals of Questioned Document Examination	Criminology	
California State University	Fresno 92710	Two Criminalistics Courses Physical Anthropology	Criminology Anthropology	
California State University	Fullerton 92634	Forensic Anthropology	Anthropology	

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
CALIFORNIA (Cont.)				
California State University	Dominguez Hills 90740	Physical Anthropology	Anthropology	
California State University	Hayward 94542	Physical Anthropology	Anthropology	
California State University	Long Beach 90801	Basic, Intermediate and Advanced Criminalistics	Criminology	B.S., M.S.
California State University	Los Angeles 90032	Criminalistics	Police Science and Admin.	M.S. in Criminalistics
California State University	Northridge 91324	Physical Anthropology	Anthropology	
California State University	Sacramento 95819	Basic Criminal Investigation Criminal Identification Introduction to Physical Evidence Comparative Evidence and Its Evaluation Forensic Analysis of Materials Instrumental Technology Physical Anthropology	Criminal Justice Anthropology	B.S. in Forensic Science
California State University	San Jose 95114	Principles of Investigation Introduction to Criminalistics	Criminal Justice Administration	
Chaffee College	Alta Loma 91701	Preservation of Physical Evidence	Law Enforcement/Administration of Justice	
Fullerton College	Fullerton 92634	Scientific Investigation I Crime Scene Techniques II	Police Science	
Golden West College	Huntingdon Beach 94547	Introduction to Criminalistics		

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FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
DISTRICT OF COLUMBIA				
George Washington University (cont.)		Selected Topics in Forensic Sciences Introduction to Forensic Pathology Current Trends in Forensic Pathology & Forensic Odontology Seminar: Law, Medicine & Forensic Sciences Forensic Neuropathology Applications of Histochemistry to The Forensic Sciences Photography in the Forensic Sciences Principles of Forensic Toxicology		
School of Law		Forensic Psychiatry Forensic Medicine		(14)
Georgetown University	Washington 20007	Questioned Documents Examination Forensic Science	Forensic Science	Certificate M.S. in Forensic Science
Howard University Graduate School	Washington 20001	Analytical Toxicology	Pharmacology	M.S.
Office of the Chief Medical Examiner	Washington 20003	Forensic Pathology Residency		
FLORIDA				
University of Florida J. Hillis Miller Medical Center	Gainesville 32610	Forensic Pathology for Medical Students		

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
CALIFORNIA (Cont.)				
		30-Day Intensive Psychiatric-Legal Institutes for Prosecutors and Public Defenders. 1 Week Psychiatric-Legal Institute for Psychiatrists and Clinical Psychologists Seminars in Psychiatry and the Law for the Judiciary.		
Santa Clara County Medical Examiner/Coroner's Office	San Jose 95110	Forensic Pathology Residency		
State of California Dept. of Justice	Sacramento 95816	Training in Advanced Blood Groupings, Drugs, Alcohol, Practical Criminalistics, Firearms, Trace Evidence, Arson, Forensic Microscopy		(12)
Yuba College	Marysville 95901	Criminal Investigation Advanced Criminal Investigation	Police Science	
COLORADO				
Arapahoe Community College	Littleton 80120	Criminalistics	Law Enforcement	
Colorado State University	Fort Collins 80523	Forensic Science Topics (undergraduate) Forensic Science Topics (graduate) Criminalistics	Forensic Science Lab	
		Physical Anthropology	Anthropology	
Denver General Hospital	Denver 80204	Forensic Pathology Residency		28

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
COLORADO (Cont.)				
Mesa College	Grand Junction 81501	Crime Detection Lab	Law Enforcement	
Metropolitan State College	Denver 80204	Criminalistics	Chemistry	B.S.
CONNECTICUT				
W.W. Backus Hospital	Lebanon 06249	Twice Yearly - "Forensic Medicine for Emergency Medical Technicians"		
Housatonic Community College	Bridgeport 06608	Introduction to Criminalistics Advanced Criminalistics	Law Enforcement	
University of New Haven	West Haven 06505	Introduction to Forensic Science Forensic Science Lab I Forensic Science Lab II Instrumental Methods Scientific Photographic Documentation	Criminal Justice	B.S., M.S. in Forensic Sciences
DISTRICT OF COLUMBIA				
American University College of Administration of Justice	Washington 20016	Introduction to Forensic Science		
Drug Abuse Council	Washington 20005	Seminars & Fellowships to Study Drugs		
George Washington University	Washington 20037	Instrumental Analysis Serology, Microsopy, Mineralogy Examination of Questioned Documents Firearms & Tool-Mark Identification	Forensic Science	M.S. in Forensic Science

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
CALIFORNIA (Cont.)				
Grossmont College	El Cajon 92020	Evidence Techniques Questioned Document Examination Criminalistics	Criminology	A.A. in Evidence Tech.
Institute of Forensic Sciences	Oakland 94609	Forensic Pathology Residency Seminars in all Aspects of Forensic Sciences		
Loma Linda University School of Dentistry	Loma Linda 92354	Annual Seminar in Forensic Odontology		
Mt. San Antonio College	Walnut 91789	Legal Aspects of Evidence Criminal Investigations Criminalistics	Dept. of Public Safety and Service Division of Police Science	(11)
Office of the Chief Medical Examiner/Coroner	Los Angeles 90033	Forensic Pathology Residency Legal Medicine in Criminalistics (in conjunction w/UCLA)		
Office of the Chief Medical Examiner/Coroner	San Francisco 94103	Forensic Pathology Fellowship and Residency Training		
Ohlone College	Fremont 92037	Three Criminalistics Courses	Criminal Justice Program	
University of San Diego Law School	San Diego 92110	Legal Medicine		
University of Southern California Law Center	Los Angeles 90033	Basic Medicine for Trial Lawyers		
Medical School		Forensic Medicine		
Institute of Psychiatry, Law and Behavioral Science		1 or 2 yrs. Fellowship in Psychiatry and Law Seminars on Psychiatric-Legal Issues for all 2nd year Psychiatry Residents		

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MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
FLORIDA (Cont.)				
Florida Technical University	Orlando 32816	Serology Criminalistics I Criminalistics II Forensic Analysis Techniques Forensic Science	Forensic Science/Chemistry	B.S. in Forensic Sciences
Lake Sumpter College	Leesburg 32748	Introduction to Forensic Science	Criminal Justice	
Office of the Dade County Medical Examiner	Miami 33136	Forensic Pathology Residency		
Okaloosa-Walton Junior College	Niceville 32578	Evidence Technician Introduction Introduction to Criminalistics	Law Enforcement	
HAWAII				
Kauai Community College	Lihue 96766	Criminalistics	Police Science	
IDAHO				
North Idaho State College	Cour d'Alene 83814	Criminalistics	Criminalistics	B.S. in Criminalistics
ILLINOIS				
American Society of Clinical Pathology	Chicago 60612	Forensic Pathology		
University of Illinois Chicago Circle Campus	Chicago 60680	Applied Analytic Chemistry I Applied Analytic Chemistry II	Criminalistics	B.S., M.S.

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
ILLINOIS				
University of Illinois Chicago Circle Campus (cont.)		Forensic Science Criminalistics Introductory Criminalistics Analysis Laboratory Advanced Criminalistics Analysis Laboratory		
University of Illinois College of Veterinary Medicine	Urbana 61801	Physical Anthropology Analytical Toxicology	Anthropology	
Institute of Applied Science	Chicago 60640	Firearms Criminal Identification Finger Prints		Certificate (16)
Lincoln Land Community College	Springfield 62703	Survey of Criminalistics	Law Enforcement Administration	
McCrone Research Institute	Chicago 60616	Seminars in Microscopial Methods		
Northeastern Illinois University	Chicago 60625	Physical Anthropology		
Northern Illinois Police Crime Laboratory	Highland Park 60035	Evidence Techniques/Crime Scene Searches		
Northern Illinois University	Glen Ellyn 60137	Physical Anthropology		
Northwestern University	Evanston 60201	Forensic Sciences and the Courts (for lawyers)		
Reid College of Detection of Deception	Chicago 60605	Polygraph		

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
INDIANA				
Indiana State University	Terre Haute 47809	Criminalistics Forensic Chemistry	Criminology Chemistry	
Indiana University College of Arts & Sciences	Bloomington 65101	Criminal Justice Investigation Forensic Sciences Criminalistics Lab	Forensic Sciences	B.S., M.A.
Medical College	Indianapolis 46202	Medical Jurisprudence Analytical Toxicology	Pharmacology	Ph.D.
Marion County General Hospital	Indianapolis 46202	Forensic Pathology Residency		
Purdue University	W. Lafayette 47907	Analytical Toxicology	Pharmacology	
IOWA				
Drake University Law School	Des Moines 50311	Medicine and the Law		
KANSAS				
Johnson County Community College	Shawnee Mission 66203	Introduction to Criminalistics	Criminal Justice	
Kansas State University	Manhattan 66506	Analytical Toxicology	Toxicology	M.S., Ph.D.
Wichita State University	Wichita 67208	Physical Anthropology Forensic Sciences	Anthropology Administration of Justice	

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
KENTUCKY				
Eastern Kentucky University	Richmond 40475	Evidence Techniques	Forensic Science/Criminalistics	
University of Kentucky	Lexington 40506	Forensic Toxicology	Toxicology	M.S., Ph.D.
Thomas More College	Edgewood 41017	Criminalistics Forensic Sciences		B.S.
LOUISIANA				
Orleans Parish Coroner's Office	New Orleans 70112	Pathology Training for M.D.'s		
Northeast Louisiana University	Monroe 71201	Forensic Toxicology	Pharmacy	
Southeastern Louisiana University	Hammond 70401	Criminal Investigation	Law Enforcement	
Tulane University	New Orleans 70118	Physical Anthropology	Anthropology	
MAINE				
Colby College	Waterville 04901	Symposium in Forensic Medicine Aug. 24-27, 1975	Division of Special Programs	
MARYLAND				
Johns Hopkins University School of Public Health	Baltimore 21205	Seminars in Forensic Pathology		

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
MARYLAND (Cont.)				
University of Maryland School of Medicine in Conjunction with Chief Medical Examiner's Office	Baltimore 21201	Legal Medicine Seminars in Homicidal Investigation	Pathology	
School of Pharmacy		Clinical Toxicology	Pharmacology	
University of Maryland	College Park 20742	Forensic Anthropology Investigation in Law Enforcement	Anthropology Criminal Justice/Criminology	
Office of the Chief Medical Examiner Maryland/Medical Legal Foundation	Baltimore 21201	Forensic Pathology Residency		(19)
MASSACHUSETTS				
Boston University Medical Center	Boston 02115	Psychiatric Residency in Diagnosis, Evaluation and Treatment	Mass. Court Clinics Program Division of Legal Medicine Dept. of Mental Health	
Brandeis University	Waltham 02154	Physical Anthropology	Anthropology	
Tufts University Medical Center	Boston 02111	Psychiatric Residency in Diagnosis, Evaluation and Treatment	Mass. Court Clinics Program Division of Legal Medicine Dept. of Mental Health	
Massachusetts General Hospital	Boston 02115	Psychiatric Residency in Diagnosis, Evaluation and Treatment	Mass. Court Clinics Program Division of Legal Medicine Dept. of Mental Health	

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
MASSACHUSETTS (Cont.)				
Northeastern University	Boston 02115	Forensic Chemistry Instrumental Analysis Forensic Materials Crime Scene Investigation Forensic Chemistry Techniques I Forensic Chemistry Techniques II Concepts in Toxicology Arson and Explosives Legal Aspects of Forensic Science	Institute of Chemical Analysis, Applications and Forensic Science	B.S., M.S.
MICHIGAN				
Central Michigan University	Mt. Pleasant 48858	Physical Anthropology	Sociology/Anthropology	
Innervisions, Inc.	Southfield 48075	Forensic Psychiatry		
University of Michigan	Ann Arbor 48104	Physical Anthropology	Anthropology	
School of Public Health		Analytical Toxicology	Toxicology	M.S., Ph.D.
Michigan State University	East Lansing 48824	Physical Anthropology Analytical Toxicology	Anthropology Toxicology	M.S., Ph.D.
Wayne State University College of Medicine	Detroit 48201	Forensic Pathology in Conjunction with Wayne County Medical Examiner	Pathology	
		Clinical Forensic Psychopathology for 3rd Year Psychiatric Residents in Conjunction w/ Sinai Hospital of Detroit	Psychiatry	
Wayne County Medical Examiner's Office	Detroit 48226	Forensic Pathology Residency		

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
MICHIGAN (Cont.)				
Western Michigan University	Kalamazoo 49007	Physical Anthropology	Anthropology	
MINNESOTA				
Hennepin County General Hospital	Minneapolis 55415	Forensic Pathology Residency		
Inver Hills Community College	Inver Grove Heights 55075	Introduction to Criminalistics	Law Enforcement	
University of Minnesota School of Medicine	Minneapolis 55455	Physical Anthropology Forensic Pathology Residency	Anthropology Pathology	(21)
MISSISSIPPI				
University of Mississippi Medical Center	Jackson 39205	Analytical Toxicology	Toxicology	M.S.
MISSOURI				
Regional Criminalistics Laboratory	Independence 64051	2 Criminalistics Courses		
University of Missouri Columbia	Columbia 65201	Physical Anthropology	Anthropology	
St. Louis University School of Medicine	St. Louis 63103	Forensic Pathology In Conjunction with The Medical Examiner's Office	Pathology	
Southeast Missouri State University	Cape Girardeau 63701	Intro to Criminalistics Crime Laboratory I, II & III	Law Enforcement	B.S. in Criminalistics

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
MONTANA				
University of Montana	Missoula 59801	Physical Anthropology	Anthropology	
NEVADA				
University of Nevada	Las Vegas 89154	Physical Anthropology	Anthropology	
NEW HAMPSHIRE				
Saint Anselms College	Manchester 03102	Criminalistics I & II	Criminal Justice	
NEW JERSEY				(22)
Drew University	Madison 07940	Physical Anthropology	Anthropology	
Rutgers University	New Brunswick 08903	Spectroscopy	Chemistry	
Trenton State College	Trenton 08625	Forensic Science	Criminal Justice	
NEW MEXICO				
University of Albuquerque	Albuquerque 87140	Criminal Investigation Crime Scene Search Introduction to Criminalistics	Criminal Justice	
University of New Mexico	Albuquerque 87106	Seminar in "Medicolegal Investigation of Death"		
School of Law		Presentation of Scientific Evidence in Court		
School of Medicine		1 Year Training in Forensic Pathology	Pathology	

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
NEW MEXICO (Cont.)				
New Mexico State College	Las Cruces 88001	Criminalistics	Police Service	
College of Santa Fe	Santa Fe 87501	Introduction to Criminalistics Criminal Investigation	Social Sciences	
NEW YORK				
Brooklyn College	Brooklyn 11210	Physical Anthropology	Anthropology	
City College of the City University of New York	New York 10031	Physical Anthropology	Anthropology	
Cornell University	Ithaca 14850	Physical Anthropology	Anthropology	
Elmira College	Elmira 14901	Criminalistics Forensic Pathology		
John Jay College of Criminal Justice of C.U.N.Y.	New York City 10010	Introduction to Problems and Techniques of Scientific Criminal Investigation Forensic Science Laboratory Forensic Science Laboratory Instrumentation Advanced Criminalistics I Advanced Criminalistics II Advanced Instrumental Analysis I Advanced Instrumental Analysis II Analytical Toxicology Advanced Problems in Forensic Immunology Problems in Physical Evidence Seminar in Forensic Science	Forensic Science	B.S., M.S., Ph.D.

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
NEW YORK (Cont.)				
Herbert H. Lehman College of C.U.N.Y.	Bronx 10468	Physical Anthropology	Anthropology	
Monroe Community College	Rochester 14623	Forensic Sciences	Police Science	
New York University Medical School Law School	New York 10003	Forensic Medicine Legal Medicine Psychiatry and the Law	Forensic Medicine	
National Training Center of Polygraph Science	New York 10019	Polygraph Science Professional Polygraph Seminar		
University of Rochester School of Medicine and Dentistry	Rochester 14620	Analytical Toxicology	Pharmacology	M.S., Ph.D. (24)
Suffolk Community College	Selden 11784	Criminalistics	Criminal Justice	
State University of New York College at Albany	Albany 12222	Physical Anthropology	Anthropology	
S.U.N.Y. College at Binghamton	Binghamton 13901	Physical Anthropology	Anthropology	
S.U.N.Y. College at Buffalo	Buffalo 14222	Physical Anthropology	Anthropology	
S.U.N.Y. College at Farmingdale Agricultural and Technical College	Farmingdale 11735	Forensic Science I and II	Criminal Justice	
Syracuse University	Syracuse 13210	Physical Anthropology	Anthropology	

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
NORTH CAROLINA				
Central Piedmont Community College	Charlotte 28204	Introduction to Forensic Science		
East Carolina University	Greenville 27834	Physical Anthropology	Anthropology	
University of North Carolina School of Dentistry	Chapel Hill 27514	Forensic Medicine	Dental Ecology	
School of Pharmacy and Medicine		Analytical Toxicology	Pathology	M.S., Ph.D.
University of North Carolina	Greensboro 27412	Physical Anthropology	Anthropology	
Wake Forest University	Winston-Salem 27109	Physical Anthropology	Anthropology/Sociology	
West Piedmont Community College	Morgantown 28655	Introduction to Forensic Science	Criminal Justice	
Office of the Chief Medical Examiner	Chapel Hill 27514	Forensic Pathology Residency		
OHIO				
Case Western Reserve University	Cleveland 44106	Physical Anthropology Analytical Toxicology	Anthropology Toxicology	Ph.D.
University of Cincinnati	Cincinnati 45221	Physical Anthropology	Anthropology	
Cleveland State University	Cleveland 44115	Physical Anthropology	Anthropology	

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
OHIO (Cont.)				
Cuyahoga Community College	Cleveland 44115	2 Criminalistics Courses 2 Crime Lab Techniques Courses	Law Enforcement	
Cuyahoga County Coroner's Office	Cleveland 44106	Forensic Pathology		
Kent State University Stark Regional Campus		Criminalistics Criminal Investigation Criminal Evidence and Procedures	Criminal Justice	
Lakeland Community College	Mentor 44060	Criminalistics	Criminal Justice	
Ohio State University College of Law	Columbus 43210	Seminar in Legal Medicine		
University of Toledo	Toledo 43606	Physical Anthropology	Bioanthropology	
Wright State University	Dayton 45431	Physical Anthropology	Sociology/Anthropology and Social Work	
Youngstown State University	Youngstown 44503	Criminal Identification Criminal Investigation Laboratory Undergraduate Forensic Science Research Graduate Forensic Science Research	Criminal Justice	B.S. - Minor in Forensic Science
OKLAHOMA				
Central State University	Edmond 73034	Introduction to Forensic Science	Forensic Science/Chemistry	
Office of the Chief Medical Examiner	Oklahoma City 73190	Forensic Pathology Residency		

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INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
OKLAHOMA (Cont.)				
University of Oklahoma School of Medicine	Norman 73069	Physical Anthropology Forensic Pathology Residency Autopsies	Anthropology	
OREGON				
University of Oregon Dental School	Portland 97201	Forensic Dentistry in Conjunction with Oregon Society of Forensic Dentistry Forensic Pathology	Pathology Legal Medicine	(27)
PENNSYLVANIA				
Allegheny County Coroner's Office	Pittsburgh 15219	Forensic Pathology Residency		
in conjunction with:				
Duquesne University Graduate School		Toxicology		
Law School		Forensic Psychiatry Legal Medicine		

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
PENNSYLVANIA (Cont.)				
Allegheny Co. Coroner's Off. (cont.)				
University of Pittsburgh		Forensic Pathology		
School of Medicine		The Law and the Physician	Div. of Continuing Education	
School of Public Health		Forensic Research Seminars Pathology Forensic Epidemiology		Ph.D.
Pittsburgh Institute of Legal Medicine		International Medical-Legal Seminar		
Pittsburgh Society of Pathologists		Forensic Slide Seminars		
Duquesne University	Pittsburgh 15219	Analytical Toxicology		M.S., D. Tox. (28)
Indiana University of Pennsylvania	Indiana 15701	Criminalistics	Criminology	
Mercyhurst College	Erie 16501	3 Criminalistics Courses	Law Enforcement	
Thomas Jefferson University School of Medicine	Philadelphia 19107	Forensic Pathology in Conjunction with Medical Examiner's Office, City of Philadelphia		
Office of Medical Examiner	Philadelphia 19104	Forensic Pathology Residency		

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
PENNSYLVANIA (Cont.)				
University of Pennsylvania School of Medicine	Philadelphia 19104	Forensic Pathology in Conjunction with Medical Examiner's Office, City of Philadelphia		
Temple University School of Medicine	Philadelphia 19122	Forensic Pathology in Conjunction with Medical Examiner's Office, City of Philadelphia Forensic Psychiatry Residency		
University of Pittsburgh	Pittsburgh 15213	Forensic Investigation Instrumental Analysis Mass Spectrometry Trace Evidence I Trace Evidence II Lab Techniques I Lab Techniques II Fire & Explosives Identification Forensic Chemistry Criminalistics	Chemistry	M.S. in Forensic Chemistry (29)
		Physical Anthropology	Anthropology	
Polygraph Personnel Research School for Lie Detectors	Philadelphia 19106	Polygraph		
RHODE ISLAND				
Brown University School of Medicine	Providence 02912	Traumatic Pathology	Community Medicine	
University of Rhode Island	Wakefield 02981	Criminal Investigation Medical Jurisprudence	Law Enforcement	
Rhode Island College	Providence 02908	Physical Anthropology	Anthropology/Geography	

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
SOUTH CAROLINA				
University of South Carolina	Columbia 29208	Physical Anthropology	Anthropology	
Medical University of South Carolina	Charleston 29401	Forensic Pathology Residency		
TENNESSEE				
East Tennessee State University	Johnson City 37601	Criminal Investigation Forensic Science	Social Services	
University of Tennessee	Knoxville 37916	Physical Anthropology	Anthropology	
University of Tennessee Institute of Pathology	Memphis 38163	Forensic Pathology Residency		
TEXAS				
Abilene Christian College	Garland 75041	Criminalistics		
East Texas State University	Commerce 75428	Forensic Sciences	Chemistry	B.S. in Forensic Science
Office of the County Medical Examiner	Dallas 75246	Forensic Pathology Residency		
Rice University	Houston 77001	Physical Anthropology	Anthropology	
Southern Methodist University	Dallas 75275	Physical Anthropology	Anthropology	

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FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
TEXAS (Cont.)				
Southern Methodist University School of Law		Medico-Legal Seminar		
South West Texas State University	San Marcos 78666	Criminal Investigation	Law Enforcement	
Southwestern Institute of Forensic Sciences	Dallas 75235	Forensic Pathology	LEAA Training Program for Forensic Pathologists	
Southwestern Medical School	Dallas 75235	Forensic Pathology	LEAA Training Program for Forensic Pathologists	
University of Texas Science Center at Dallas	Dallas 75235	Forensic Pathology	LEAA Training Program for Forensic Pathologists	(31)
University of Texas	Arlington 76019	Forensic Chemistry I and II Forensic Drug Analysis	Chemistry	
University of Texas College of Pharmacy	Austin 78712	Physical Anthropology Toxicology of Modern Drugs	Anthropology	
University of Texas Medical Branch	Galveston 77550	Analytical Toxicology	Toxicology	M.S.
University of Texas	San Antonio 78284	Analytical Toxicology	Toxicology	Ph.D.
Texas Tech University	Lubbock 79409	Physical Anthropology	Anthropology	
Texas Southern University School of Pharmacy	Houston 77004	Analytical Toxicology	Toxicology	M.S.
Tyler State College	Tyler 75701	Introduction to Forensic Science		

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
TEXAS (Cont.)				
West Texas State University	Canyon 79015	Criminalistics	Biology	
UTAH				
Brigham Young University	Provo 84602	Physical Anthropology	Anthropology/Archaeology	
University of Utah	Salt Lake City 84112	Physical Anthropology Forensic Toxicology (program under development)	Anthropology Center for Human Toxicology	Ph.D.
Medical Center		Forensic Pathology Residency		
VIRGINIA				
Northern Virginia Community College	Annandale 22003	Introduction to Law Enforcement Photography Criminal Investigation	Police Science	A.A.S.
Old Dominion University	Norfolk 23508	Forensic Chemistry	Chemistry	M.S.
Polygraph School	Norfolk 23508	Polygraph Sciences		Certificate
Rappahannock Community College	Glenns 23149 Warsaw 22572	Principles of Criminal Investigation Advanced Criminal Investigation	Law Enforcement	
University of Richmond T. C. Williams School of Law	Richmond 23173	Seminars in Scientific Evidence, and Law and Medicine		

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FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
VIRGINIA (Cont.)				
Southside Virginia Community College	Alberta 23821 Keysville 23947	Principles of Criminal Investigation	Law Enforcement	Certificate
Tidewater Community College	Virginia Beach 23456	Principles of Criminal Investigation	Law Enforcement	Certificate
Virginia Commonwealth University Medical College of Va. School of Basic Sciences	Richmond 23219	Analytical Toxicology	Toxicology	M.S., Ph.D.
		Forensic Pathology Residency		
WASHINGTON				
Central Washington State University	Ellensburg 96926	Physical Anthropology	Anthropology/Archaeology	
Everett Community College	Everett 98206	Forensic Science I and II		
Gonzaga University Law School	Spokane 79202	Introduction to Forensic Science		
University of Washington School of Public Health	Seattle 98105	Physical Anthropology 1 Month Residency in Forensic Science	Anthropology Community Medicine	
School of Medicine		Forensic Toxicology	Toxicology	Ph.D.
Washington State University	Pullman 99163	Physical Anthropology	Anthropology	

FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
WEST VIRGINIA				
West Virginia State College	Institute 25112	Criminalistics	Criminal Justice	
WISCONSIN				
Beloit College	Beloit 53511	Physical Anthropology	Anthropology	
Institute of Paper Chemistry	Appleton 54911	Document Examination Fiber Microscopy		
Medical College of Wisconsin	Milwaukee 53233	Analytical Toxicology	Pharmacology	M.S.
University of Wisconsin College of Human Biology	Green Bay 54301	Physical Anthropology	Population Dynamics	
WYOMING				
University of Wyoming	Laramie 82701	Physical Anthropology	Anthropology	

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FORENSIC SCIENCE EDUCATIONAL ROSTER

MAY 1975

INSTITUTION/AGENCY	ADDRESS	COURSES	PROGRAM/DEPARTMENT	DEGREE(S)
FEDERAL GOVERNMENT AGENCIES				
Armed Forces Institute of Pathology	Washington, DC 20305	Forensic Pathology Residency (1 year) Forensic Dentistry Seminar (October 6-9, 1975) Forensic Pathology Seminar (November 10-14, 1975) Legal Medicine (December 8-9, 1975)		
U.S. Army Criminal Investigation Laboratory (For Enlisted Personnel Only)	Ft. Gordon, GA 30905	Forensic Chemistry (1 year) Forensic Photography (4 years) Questioned Document Examination (4 years) Firearms and Toolmarks (4 years) Latent Fingerprint Examination (4 years)		(35)
U.S. Department of Justice Drug Enforcement Agency	Washington, DC 20537	Seminars in Forensic Drug Analysis (1 week)		
Federal Bureau of Investigation	Washington, DC 20535	Survey of Questioned Document Examinations (1 week) Legal Aspects of Questioned Document Examination (1 week) Crime Laboratory Photography Latent Fingerprint Examination		
U.S. Department of Treasury Secret Service	Washington, DC 20006	Questioned Document Examination (3 weeks)		

CROSS REFERENCE FILE

OF

EDUCATIONAL OPPORTUNITIES

BY

FORENSIC SCIENCE DISCIPLINE

(To be used in conjunction with Roster I.)

CRIMINALISTICS/GENERAL FORENSIC SCIENCE*

ALABAMA

University of Alabama
John C. Calhoun Community College
Jacksonville State University
Walker College

ALASKA

Anchorage Community College

ARIZONA

Pima College

CALIFORNIA

University of California, Berkeley
University of California, Irvine
University of California, Los Angeles
California State University, Fresno
California State University, Long Beach
California State University, Los Angeles
California State University, Sacramento
California State University, San Jose
Chaffee College
Fullerton College
Golden West College
Grossmont College
Mount San Antonio College
Ohlone College
Yuba College

COLORADO

Arapahoe Community College
Colorado State University
Mesa College
Metropolitan State College

CONNECTICUT

Housatonic Community College
University of New Haven

DISTRICT OF COLUMBIA

American University
George Washington University
Georgetown University

FLORIDA

Florida Technical Institute
Lake Sumpter College
Okaloosa-Walton Junior College

GEORGIA

U.S. Army Criminal Investigation Laboratory

HAWAII

Kauai Community College

IDAHO

North Idaho State College

ILLINOIS

University of Illinois (Chicago Circle Campus)
Institute of Applied Science
Lincoln Land Community College
McCrone Research Institute
Northern Illinois Police Crime Lab

INDIANA

Indiana State University
Indiana University

KANSAS

Johnson County Community College
Wichita State University

KENTUCKY

Eastern Kentucky University
Thomas More College

LOUISIANA

Southeastern Louisiana University

MARYLAND

University of Maryland

* - Includes evidence technician programs.

CRIMINALISTICS (cont.)

MASSACHUSETTS

Northeastern University

MINNESOTA

Inver Hills Community College

MISSOURI

Regional Criminalistics Lab

NEW HAMPSHIRE

Saint Anselms College

NEW JERSEY

Rutgers University
Trenton State College

NEW MEXICO

University of Albuquerque
New Mexico State College
College of Santa Fe

NEW YORK

Elmira College
John Jay College of C.U.N.Y.
Monroe Community College
Suffold Community College
S.U.N.Y. College at Farmingdale

NORTH CAROLINA

Central Piedmont Community College
West Piedmont Community College

OHIO

Cuyahoga Community College
Kent State University
Lakeland Community College
Youngstown State University

OKLAHOMA

Central State University

PENNSYLVANIA

DuQuesne University
Indiana University of Pennsylvania
Mercyhurst College
University of Pittsburgh

RHODE ISLAND

University of Rhode Island

TENNESSEE

East Tennessee State University

TEXAS

Abilene Christian College
East Texas State University
South West Texas State University
University of Texas at Arlington
Tyler State College
West Texas State University

VIRGINIA

Northern Virginia Community College
Old Dominion University
Rappahannock Community College
Southside Virginia Community College
Tidewater Community College

WASHINGTON

Everett Community College

WEST VIRGINIA

West Virginia State College

FORENSIC ODONTOLOGY

CALIFORNIA

American Society of Forensic Odontology
Loma Linda University School of Dentistry

OREGON

University of Oregon Dental School in conjunction with
Oregon Society of Forensic Dentistry

FORENSIC PATHOLOGY

ARIZONA

U. of Arizona College of Med.

CALIFORNIA

UC - Davis School of Medicine
UCLA
UC - La Jolla School of Medicine
UC - SF School of Medicine
Institute of Forensic Sciences
Office of the Chief Medical Examiner/Coroner Los Angeles
Office of the Chief Medical Examiner/Coroner San Francisco
Santa Clara County Medical Examiner/Coroner's Office
University of Southern California Medical School

COLORADO

Denver General Hospital

CONNECTICUT

W. W. Backus Hospital

D.C.

Armed Forces Institute of Pathology
Office of the Chief Medical Examiner

FLORIDA

U. of Florida Medical Center
Office of the Dade County Medical Examiner

ILLINOIS

American Society of Clinical Pathologists

INDIANA

Marion County General Hospital

LOUISIANA

Orleans Parish Coroner's Office

MAINE

Colby College

MARYLAND

Johns Hopkins U. School of Public Health
U. of Maryland School of Medicine
Office of the Chief Medical Examiner State of Maryland

MICHIGAN

Wayne County Medical Examiner's Office
Wayne State U. College of Medicine

MINNESOTA

Hennepin County General Hospital
U. of Minn. School of Medicine

MISSOURI

St. Louis U. School of Medicine

NEW MEXICO

U. of New Mexico School of Medicine

NEW YORK

Elmira College
New York U. School of Medicine

NORTH CAROLINA

U. of N.C. School of Medicine
Office of the Chief Medical Examiner of North Carolina

OHIO

Cuyahoga County Coroner's Office

OKLAHOMA

Office of the Chief Medical Examiner of Oklahoma

OREGON

U. of Oregon Medical School

FORENSIC PATHOLOGY CONTD.

PENNSYLVANIA

Allegheny County Coroner's Office
Thomas Jefferson U. School of Medicine
Office of the Chief Medical Examiner Philadelphia
U. of Pennsylvania School of Medicine
University of Pittsburgh School of Medicine and School of Public Health
Temple U. School of Medicine

RHODE ISLAND

Brown University School of Medicine

SOUTH CAROLINA

Medical U. of South Carolina

TENNESSEE

U. of Tennessee Institute of Pathology

TEXAS

Office of the County Medical Examiner - Dallas
Southwestern Institute of Forensic Sciences
Southwestern Medical School
U. of Texas Science Center at Dallas

UTAH

U. of Utah Medical Center

VIRGINIA

Virginia Commonwealth U.
Medical College of Virginia

WASHINGTON

U. of Washington School of Public Health

FORENSIC PSYCHIATRY

CALIFORNIA

USC Institute of Psychiatry,
Law and Behavioral Science

MASSACHUSETTS

Boston U. Medical Center
Tufts U. Medical Center
Massachusetts General Hospital

MICHIGAN

Innervisions, Inc.
Sinai Hospital of Detroit
Wayne State U. College of Medicine

JURISPRUDENCE

CALIFORNIA

University of California at Davis Law School
University of San Diego Law School
University of Southern California Law Center

DISTRICT OF COLUMBIA

George Washington University,
National Law Center

ILLINOIS

Northwestern University Law School

IOWA

Drake University Law School

NEW MEXICO

University of New Mexico School of Law

NEW YORK

New York University School of Law

OHIO

Ohio State University Law School

PENNSYLVANIA

DuQuesne University Law School

TEXAS

Southern Methodist University School
of Law

VIRGINIA

University of Richmond, T.C. Williams
School of Law

WASHINGTON

Gonzaga University Law School

QUESTIONED DOCUMENT EXAMINATION

ALABAMA

Jacksonville State University

CALIFORNIA

UCLA
UC at S.F.
Extension Div.
Grossmont College

D.C.

Federal Bureau of Investigation
George Washington U.
Georgetown U.
U.S. Secret Service

WISCONSIN

Institute of Paper Chemistry

CHAPTER III

ROSTER II--FORENSIC/ANALYTICAL TOXICOLOGY

This Roşter represents one of two experiments in the design of the rosters. Little is known as to the types of material needed or of the format that will provide the greatest convenience. This roster contains additional data concerning course offerings and their quarter/credit hours.

On November 21, 1974 a letter (see Appendix C) was sent to 92 professional schools offering training in toxicology. Replies were received from 47 schools, 26 of which purported to provide courses or advanced degrees in Forensic-Analytical Toxicology. These schools are included in Roster II.

Next, all respondents were queried more specifically about their program. (See Appendix D) Nineteen replies were received. Five of the 19 institutions indicated they had no currently active degree programs in Forensic/Analytical Toxicology. They are indicated on Roster II with an "*".

Of the 14 confirmed, currently active degree programs available in Forensic Toxicology, most of the programs involve a total of 1 to 3 student/trainees.

The seven institutions not responding to the follow up query are marked "**" on Roster II.

MAY 1975

FORENSIC TOXICOLOGY EDUCATIONAL SURVEY

INSTITUTION	ADDRESS	COURSES OFFERED	QTR. HOURS	CREDIT HOURS	M.S. DEGREE	PH.D. DEGREE
ALABAMA						
Auburn University	Auburn 36380	Toxicological Methods	3		Analytical Toxicology	
		Advanced Toxicology	5			
		Forensic Toxicology	3			
		Toxicology Seminar	1-3			
		Toxicological Research and Thesis	5			
		Special Problems in Toxicology	1-3			
ARIZONA						
University of Arizona	Tucson 85721				Analytical Toxicology	
ARKANSAS						
University of Arkansas Medical Center**	Little Rock 72204	National Center for Toxicology Research				Forensic Toxicology
CALIFORNIA						
University of California School of Medicine **	San Francisco 94143				Analytical Toxicology	
DISTRICT OF COLUMBIA						
Howard University	Washington 20059	Forensic Toxicology			Analytical Toxicology	
		Acute and Nonacute Toxicology				
		Teratogenises and Mu-agenesis				
		Skin, Eye, Inhalation Toxicology				
		Drug Interactions and Iatrogenic Disease				
		Advanced problems in Toxicology				

FORENSIC TOXICOLOGY EDUCATIONAL SURVEY

INSTITUTION	ADDRESS	COURSES OFFERED	QTR. HOURS	CREDIT HOURS	M.S. DEGREE	PH.D. DEGREE
DISTRICT OF COLUMBIA						
Howard University (cont.)		Survey of Toxicology (Evaluation of Toxicity) Biochemical Toxicology Systematic Toxicology (Toxicity of drugs, pesticides, etc.) Carcinogenesis Neuro and Behavioral Toxicology Clinical Toxicology Advanced Problems in Toxicology				
ILLINOIS						
University of Illinois College of Veterinary Medicine *	Urbana 61801	Separation, Purification & Identification of Organic Compound		4		
INDIANA						
Indiana University	Indianapolis 46202	Industrial Toxicology Clinical Toxicology		3 2		Analytical Toxicology
Purdue University	West Lafayette 47907	Toxicology Advanced Instrumental Analysis		3 5		
KANSAS						
Kansas State University	Manhattan 66506	Clinical Toxic ïogy Molecular Toxicology Chemical Separations & Instrument Analysis Biochemistry of Toxic Materials		4 2 8 2	Analytical Toxicology	Same

MAY 1975

FORENSIC TOXICOLOGY EDUCATIONAL SURVEY

INSTITUTION	ADDRESS	COURSES OFFERED	QTR. HOURS	CREDIT HOURS	M.S. DEGREE	PH.D. DEGREE
KENTUCKY						
University of Kentucky**	Lexington 40506				Forensic Toxicology	Same
LOUISIANA						
Northeast Louisiana * University	Monroe 71201	Introductory Toxicology		3		
		Forensic Toxicology		2		
		Spectrotoxicology		3		
MARYLAND						
University of Maryland** School of Pharmacy	Baltimore 21201	Clinical Toxicology		2+1		
MICHIGAN						
University of Michigan School of Public Health *	Ann Arbor 48104	Toxicology Seminar		1	Analytical Toxicology	Same
		Toxicology Advance Seminar		1		
		Research in Toxicology				
		Toxicology Externship				
		Toxicology of Foods and Food Additives		2-3		
		Instrumental Methods of Analysis		3		
		Essentials of Toxicology		2		
		Methods in Toxicology		3		
Michigan State University	East Lansing 48824	Program Just Beginning			Analytical Toxicology	Same

(48)

FORENSIC TOXICOLOGY EDUCATIONAL SURVEY

INSTITUTION	ADDRESS	COURSES OFFERED	QTR. HOURS	CREDIT HOURS	M.S. DEGREE	PH.D. DEGREE
MISSISSIPPI						
University of Mississippi Medical Center*	Jackson 39205	Toxicology Analytical Toxicology Forensic Toxicology Techniques of Forensic Science		3 8 12 8	Analytical Toxicology	
NEW YORK						
University of Rochester School of Medicine and Dentistry **	Rochester 14620	Toxicology Toxicology Seminar Specialty Seminar of the Student's Choice: Public Health Toxicology Ecology and Environmental Toxicity Neurotoxicology of Environmental Contaminants		4 1 1	Analytical Toxicology	Same
NORTH CAROLINA						
University of North Carolina Pathology Dept.*	Chapel Hill 27514	Toxicology and Drug Abuse Analytical Toxicology Research in Toxicology		3 2	Analytical Toxicology	Same
OHIO						
Case Western Reserve University	Cleveland 44106	Organic Analysis Instrumental Analysis Computer Techniques		6 6 2		Analytical Toxicology

FORENSIC TOXICOLOGY EDUCATIONAL SURVEY

INSTITUTION	ADDRESS	COURSES OFFERED	QTR. HOURS	CREDIT HOURS	M.S. DEGREE	PH.D. DEGREE
PENNSYLVANIA						
Duquesne University	Pittsburgh 15219	Clinical Toxicology		3	Analytical Toxicology	Same (D. Tox.)
		General Toxicology		3		
		Forensic Toxicology		3		
		Special Topics in Toxicology		3		
		Instrumental Methods of Analysis in Pharmacology and Toxicology		4		
		Drug Screening		4		
TEXAS						
University of Texas Medical Branch	Galveston 77550	Advanced Toxicology		3	Analytical Toxicology	
University of Texas	San Antonio 78284					Analytical Toxicology
Texas Southern University School of Pharmacy	Houston 77004	Introductory Toxicology		2	Analytical Toxicology	
		Clinical Toxicology		4		
		Clinical Toxicology Clerkship		8		
		Analytical Toxicology		4		
		Instrumentation and Drug Analysis		4		
		Analytical Toxicology and Clinical Biochemistry		4		
		Thesis Research in Clinical Toxicology Seminar		2		
UTAH						
University of Utah Center for Human Toxicology	Salt Lake City 84112	Research Projects in Analytical, Forensic, Clinical and Pharmacological Toxicology				Program under Development

FORENSIC TOXICOLOGY EDUCATIONAL SURVEY

INSTITUTION	ADDRESS	COURSES OFFERED	QTR. HOURS	CREDIT HOURS	M.S. DEGREE	PH.D. DEGREE
VIRGINIA						
Virginia Commonwealth University Medical College of Virginia	Richmond 23219	Principles of Toxicology Advanced Toxicology Forensic Toxicology		4 4 4	Analytical Toxicology	Same
WASHINGTON						
University of Washington School of Medicine **	Seattle 98105	Essentials of Toxicology Methods in Toxicology Analytical Toxicology		10 10 10		Analytical Toxicology (51)
WISCONSIN						
Medical College of Wisconsin**	Milwaukee 53233	Toxicology (Analytical)		2	Analytical Toxicology	

CHAPTER IV

ROSTER III--FORENSIC/PHYSICAL ANTHROPOLOGY

The second of the experimental rosters is Roster III--Forensic Anthropology.

Queries were mailed to approximately 200 anthropology departments at colleges and universities thought to offer courses in physical anthropology. Over 100 replies were received.

Significantly few courses are offered specifically in forensic anthropology. Most courses are in physical anthropology and/or osteology and tend to be academic in orientation rather than applied.

The resultant information is listed in the following roster.

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

MAY 1975

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
ALABAMA					
University of Alabama	University, 35486	Human Osteology (Proposed)	Anthropology	X	
ARIZONA					
University of Arizona	Tucson, 85281	Human Osteology	Anthropology		X
Arizona State University	Tempe, 86001	Seminars in Osteology, Dental Anthropology, Advanced Osteology	Anthropology		X
Northern Arizona University	Flagstaff, 86001	Intro to Physical Anthropology	Anthropology	X	
ARKANSAS					
University of Arkansas	Fayetteville, 72701	Human Osteology, Human Microevolution	Anthropology	X	X
CALIFORNIA					
California State University	Dominquez Hills, 90740	Human Origins and Variability Methods & Techniques in Biological Anthropology	Anthropology	X	
California State University at Fresno	Fresno, 93740	Osteology	Anthropology	X	
California State University at Fullerton	Fullerton 92634	Osteology Seminar Independent Study and Thesis in Osteology	Anthropology	X	X

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

MAY 1975

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
CALIFORNIA					
California State University	Hayward, 94542	Human Osteology Seminar	Anthropology	X	X
California State University	Northridge, 91324	Osteology & Laboratory Techniques	Anthropology		X
California State University	Sacramento, 95819	Laboratory in Osteology Advanced Problems in Physical Anthropology	Anthropology	X	X
COLORADO					
Colorado State University	Fort Collins, 80523	General Physical Anthropology Special Studies	Anthropology	X	X
ILLINOIS					
University of Illinois	Urbana, 61801	Human Osteology	Anthropology		
Northeastern Illinois University	Chicago, 60625	Physical Anthropology	Anthropology	X	
Northern Illinois University	Glen Ellyn, 60137	Osteology	Anthropology	X	X
KANSAS					
Wichita State University	Wichita, 67208	Human Osteology	Anthropology		X

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

MAY 1975

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
LOUISIANA					
Tulane University	New Orleans, 70118	Human Osteology Laboratory Advanced Human Osteology Laboratory	Anthropology	X	X
MARYLAND					
University of Maryland	College Park, 20742	Forensic Anthropology	Anthropology	X	X
MASSACHUSETTS					
Brandeis University	Waltham, 02154	Anthropology (Human Bone Identification)	Anthropology	X	X
MICHIGAN					
Central Michigan University	Mount Pleasant, 48858	Special Topics in Odontology, Anthropometry, etc.	Sociology/Anthropology	X	
University of Michigan	Ann Arbor, 48104	Human Osteology	Anthropology	X	X
Michigan State University	East Lansing, 48824	Human Osteology and Osteometry	Anthropology	X	X
Western Michigan University	Kalamazoo, 49007	Human Osteology	Anthropology	X	X
MINNESOTA					
University of Minnesota	Minneapolis, 55455	Medical Anthropology Methods in Physical Anthropology	Anthropology	X	X

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

MAY 1975

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
MISSOURI					
University of Missouri-Columbia	Columbia, 05201	Physical Anthropology Laboratory Occasional Graduate Seminar	Anthropology	X	X
MONTANA					
University of Montana	Missoula, 59801	Human Osteology	Anthropology	X	X
NEVADA					
University of Nevada	Las Vegas, 89154	Applied Physical Anthropology	Anthropology	X	
NEW JERSEY					
Drew University	Madison, 07940	Physical Anthropology	Anthropology	X	
NEW YORK					
Brooklyn College	Brooklyn, 11210	Human Osteology Human Variation	Anthropology	X	
City University of New York	New York, 10031	Osteology	Sociology/Anthropology	X	
Cornell University	Ithaca, 14850	Osteology Methods in Biological Anthropology	Anthropology	X	X

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

MAY 1975

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
NEW YORK					
Herbert H. Lehman College of City University of New York	Bronx, 10468	Human Osteology Introduction to Physical Anthropology	Anthropology	X	
State University of New York at Albany	Albany, 12222	Human Morphdogy	Anthropology	X	X
State University of New York at Binghamton	Binghamton, 13901	The Human Skeleton	Anthropology		
State University of New York at Buffalo	Buffalo, 14222	The Human Skeleton	Anthropology	X	
Syracuse University	Syracuse, 13210	Methods in Physical Anthropology	Anthropology	X	X
NORTH CAROLINA					
East Carolina University	Greenville, 27834	Human Skeletal Analysis I Human Skeletal Analysis II	Sociology/Anthropology	X	X
University of North Carolina	Greensboro, 27412	Human Identification	Anthropology	X	X
Wake Forest Univeristy	Winston-Salem, 27109	Forensic Anthropology	Anthropology/Sociology		
OHIO					
Case Western Reserve University	Cleveland, 44106	Human Osteology Human Osteopathology	Anthropology		X

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

MAY 1975

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
OHIO					
University of Cincinnati	Cincinnati, 45221	Human Osteology	Anthropology	X	X
Cleveland State University	Cleveland, 44115	Advanced Osteology	Anthropology	X	
The University of Toledo	Toledo, 43606	Human Osteology	Bioanthropology	X	X
Wright State University	Dayton, 45431	Laboratory of Human Skeleton	Sociology/Anthropology and Social Work	X	
OKLAHOMA					
University of Oklahoma	Norman, 73069	Special Problems in Forensic Anthropology Directed Research in Forensic Anthropology	Anthropology		(58)
PENNSYLVANIA					
University of Pittsburgh	Pittsburgh 15260	Comparative Osteology and Odontology Functional Anatomy	Anthropology	X	X
RHODE ISLAND					
Rhode Island College	Providence 02908	Physical Anthropology	Anthropology/Geography	X	X

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
SOUTH CAROLINA					
University of South Carolina	Columbia 29208	Human Osteology and Anthropology	Anthropology/Sociology	X	
TENNESSEE					
University of Tennessee	Knoxville 37916	The Human Skeleton in Forensic Medicine Dermatoglyphics Human Identification Human Osteology	Anthropology	X	X
TEXAS					
Rice University	Houston 77001	Osteology	Anthropology	X	
Southern Methodist University	Dallas 75275	Osteology	Anthropology		X
University of Texas	Austin 78712	Human Osteology	Anthropology	X	
Texas Tech University	Lubbock 79409	Osteology	Anthropology	X	X
UTAH					
University of Utah	Salt Lake City 84112	Introduction to Laboratory Techniques in Physical Anthropology Advanced Laboratory Techniques in Physical Anthropology	Anthropology	X	X
Brigham Young University	Provo 84602	Physical Anthropology Bone Identification	Anthropology	X	

PHYSICAL ANTHROPOLOGY EDUCATIONAL ROSTER

MAY 1975

INSTITUTION	ADDRESS	COURSES	PROGRAM/DEPARTMENT	UNDERGRAD. DIVISION	GRADUATE DIVISION
WASHINGTON					
Central Washington State University	Ellensburg 96926	Forensic Anthropology Advanced Human Osteology	Anthropology	X	
University of Washington	Seattle 98105	Human and Comparative Osteology	Anthropology	X	
Washington State University	Pullman 99163	The Human Skeleton Human Skeleton Laboratory	Anthropology	X	X
WISCONSIN					
Beloit College	Beloit 53511	Introductory Physical Anthropology Advanced Physical Anthropology	Anthropology	X	
University of Wisconsin College of Human Biology	Green Bay 54301	Human Evolution Museum Technology	Population Dynamics	X	
WYOMING					
University of Wyoming	Laramie 82701	Human Osteology	Anthropology	X	X

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APPENDICES

A Schroeder letter of September 9, 1974 sent to membership of American Academy of Forensic Sciences.

B Field letter directly querying institutions as to forensic science course offerings.

C Sunshine letter of November 21, 1974 sent to 92 institutions offering toxicology programs.

D Sunshine follow up letter to schools offering forensic/analytical toxicology programs/courses.

E Kerley letter to anthropology departments at selected colleges and universities.

The Forensic Sciences Foundation, Inc.

11400 ROCKVILLE PIKE
ROCKVILLE, MARYLAND 20852
(301) 770-2723

"ASSESSMENT OF THE FORENSIC SCIENCE PROFESSION"

(Project #73-NI-99-0052-G)

THIS PROJECT HAS BEEN AUTHORIZED BY THE OMNIBUS CRIME CONTROL AND SAFE STREETS ACT OF 1968

JOINT ADVISORY COMMITTEE

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MR. EDWARD WHITTAKER
Miami, Florida

KENNETH S. FIEL
Project Staff Dir

INA J. CURTIS
Financial Officer

September 9, 1974

DEAR ACADEMY MEMBER:

The Academy's "Assessment Project" needs information (however meager) on any institutions, agencies, colleges, or universities that teach courses in any of the forensic sciences.

WE WANT TO PUBLISH A ROSTER SHOWING WHICH FORENSIC SCIENCE COURSES ARE TAUGHT . . . AND WHERE.

PLEASE HELP US

Below or on the back of this letter jot down any information you can give us. We'll take it from there by writing to the school or agency for more details.

A stamped return envelope is included for your convenience.

Thanking you in advance.

Oliver C. Schroeder

Oliver C. Schroeder, Jr.
Chairman

(63)

The Forensic Sciences Foundation, Inc.

11400 ROCKVILLE PIKE
ROCKVILLE, MARYLAND 20852
(301) 770-2723

"ASSESSMENT OF THE FORENSIC SCIENCE PROFESSION"

(Project #73-NI-99-G052-G)

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Albuquerque, New Mexico

MR. EDWARD WHITTAKER
Miami, Florida

KENNETH S. FIELD
Project Staff Director

INA J. CURTIS
Financial Officer

Dear Sir:

The Forensic Sciences Foundation is currently engaged in an assessment project of the forensic sciences profession sponsored by the Department of Justice. The project includes an assessment of individual backgrounds, education, and experience in the several facets of the forensic sciences. For purposes of this study, the following fields or disciplines are included in the study: Criminalistics (Crime Laboratories); Forensic Pathology/Biology (Coroners & Medical Examiners); Forensic Psychiatry; Forensic Medicine; Questioned Document Examination, Forensic Toxicology; Forensic Odontology, andForensic Anthropology.

Specifically, for the report we are attempting to find out what forensic science courses are taught, and where, in order to publish a roster for prospective degreed program and continuing education students.

We have been informed that your institution offers some instruction in this field. It would be greatly appreciated if you could furnish us with any descriptive information about the courses offered, such as course listings, catalogs, sylabus', etc.

A return envelope is included for your convenience.

Sincerely yours,

Kenneth S. Field

Kenneth S. Field

APPENDIX B

(64)

The Forensic Sciences Foundation, Inc.

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ROCKVILLE, MARYLAND 20852
(301) 770-2723

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Miami, Florida

KENNETH S. FIELD
Project Staff Director

INA J. CURTIS
Financial Officer

November 21, 1974

Dear Sir:

This is to request your assistance in the development of a current assessment of the avaiiability of opportunities for formal training on toxicology. Many inquiries about the availability of training facilities are made annually to many different organizations and individuals, but few can be answered objectively and lucidly.

The American Academy of Forensic Sciences and The American Association of Clinical Chemists have requested that an adequate survey of the training opportunities in toxicology be made by the Forensic Sciences Foundation. Hence, this request to you. I trust you will complete and return it promptly. Upon collation of the replies a copy will be sent to you for your information. May I have the privilege of a prompt reply.

Sincerely yours,

Irving Sunshine

Irving Sunshine
Ph.D.

APPENDIX C

TOXICOLOGY EDUCATIONAL QUESTIONNAIRE

Please indicate whether or not any of the following educational programs are included in your program, whether or not a degree is awarded, and how many years an average student takes to complete the requirements for graduation.

EDUCATIONAL PROGRAM *	DEGREE			NUMBER OF YEARS TO COMPLETE DEGREE		
	M.S.	Ph.D.	Other (Specify)	M.S.	Ph.D.	Other
1. Analytical Toxicology						
2. Pharmacological Toxicology						
3. Environmental Toxicology						
4. Veterinary Toxicology						
5. Industrial Toxicology						
6. Pharmaceutical Toxicology						

Toxicology is a polysyllabic word that means different things to different people; hence, training opportunities will differ within many institutions, yet they all will be listed under Toxicology.

* Educational Programs Defined

1. Analytical Toxicology
   a. Forensic and clinical: Analysis of biological specimens for the determination of drugs or other toxic substances (poisioning or theraputic monitoring).

2. Pharmacological Toxicology
   a. Pharmacokinetics
   b. Assessment of hazard resulting from exposure to new products.
   c. Toxicity assessment of drugs and other chemical agents by animal experiments.
   d. Clinical Pharmacology

3. Environmental Toxicology
   a. Assessment of hazard to humans, animals, and/or plant life resulting from exposure to pollutants in air and water.
   b. Economic Poisons - Assessment of hazards due to pesticides, rodenticides, herbicides, weedicides, etc.

4. Veterinary Toxicology
   a. Poisoned animals.

5. Industrial Toxicology
   a. Assessment of on-the-job toxic hazards.

6. Pharmaceutical Toxicology
   a. Drug Information
   b. Clinical Pharmacy

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KENNETH S. FIELD
Project Staff Direct
INA J. CURTIS
Financial Officer

Thank you for your reply to my letter of November 21, 1974 -- wherein you indicated that analytical toxicology was part of your overall program. A summary of that questionnaire is being compiled and will be sent to you shortly.

We anticipate that publicity about the availability of a roster on training opportunities in analytical toxicology will bring many requests for further information. If possible, we would like to refer these requests to a specific individual in your organization for information about your program. Will you provide us with the name, address, and telephone number of a person on your staff to whom such requests may be addressed? Please provide the information on the enclosed form.

Additionally, it would be most helpful to us if you would indicate on the enclosed form, the number of students in analytical toxicology that you have graduated in the past five years and the number who have found employment in analytical toxicology.

A stamped return envelope is included for your convenience.

Thank you for your continued interest and support.

Sincerely,

Irving Sunshine, Ph.D.

Enclosure: Data Sheet
Return Envelope

APPENDIX D

THE FORENSIC SCIENCES FOUNDATION, INC.
11400 Rockville Pike
Rockville, Maryland 20852

ANALYTICAL TOXICOLOGY FOLLOW-UP

Staff member to whom requests may be addressed:

Name: _____

Address: _____

_____

_____

Telephone: _____

Number of Students Graduated

Year	M.S.	Ph.D.
1970		
1971		
1972		
1973		
1974		

Number Employed in Analytical Toxicology

Year	M.S.	Ph.D.
1970		
1971		
1972		
1973		
1974		

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The Forensic Sciences Foundation, Inc.

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Albuquerque, New Mexico
MR. EDWARD WHITTAKER
Miami, Florida

KENNETH S. FIELD
Project Staff Director
INA J. CURTIS
Financial Officer

Dear Sir:

The Forensic Sciences Foundation is in the process of compiling a list of all the anthropologists who are active in, or teach courses in, forensic anthropology. These courses are often listed as medico-legal anthropology or skeletal identification. In many cases, osteology laboratory courses cover much the same material.

No accurate list of such specialists now exists, and it would be most helpful to various government and law enforcement agencies as well as insurance companies to know where the nearest specialist is located. It would be helpful also for the Forensic Sciences Foundation to be able to advise inquirers where there are courses in this subject being taught.

Would you please answer the few questions on the enclosed sheet and return it, or turn it over to anyone on your faculty who might qualify to answer it? Your assistance would be deeply appreciated.

Sincerely,

Ellis R. Kerley

Ellis R. Kerley
Joint Advisory Committee

ERK:dw

(69)

FORENSIC ANTHROPOLOGY

1. Please list the names of anyone on your faculty teaching, working in, or doing research in Forensic Anthropology or skeletal identification:

   1. _____ 2. _____

   3. _____ 4. none _____

2. Please list the names of any of your faculty who teach courses in Osteology.

   1. _____ 2. _____

   3. _____ 4. none _____

3. Please list the courses in Forensic Anthropology, skeletal identification or medico-legal anthropology that are taught in your department.

   1. _____ 3. _____

   2. _____ 4. none _____

4. These courses are on the

   1. graduate level
   2. undergraduate level

5. Name, title, and address of respondent:

6. Comments:

(70)

THE FORENSIC SCIENCES FOUNDATION, INC.

11400 Rockville Pike • Rockville, Maryland 20852 • (301) 770-2723

UPDATE/ADDITION/CORRECTION FORM

Respondent: _____

School/Agency: _____

Address: _____

_____

Phone: _____

Name of Individual to Whom Inquiries May Be Directed:

_____

Additions / Deletions circle one

Course(s)	Department	Degree

Additional Comments:

☆ U.S. Government Printing Office: 1977 — 241-093/2157